

APPENDIX B

PROPOSED AUTHORITY TO CONSTRUCT ISSUED BY THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

FACILITY PERMIT TO OPERATE

**ALLIANCE POWER INC
661 S COOLEY DR
COLTON, KY 42324**

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

By _____
Carol Coy
Deputy Executive Officer
Engineering & Compliance

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

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FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: ALLIANCE POWER INC

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 661 S COOLEY DR
COLTON, KY 42324

MAILING ADDRESS: 7950 S LINCOLN ST SUITE 114
LITTLETON, CO 80122

RESPONSIBLE OFFICIAL:

TITLE:

TELEPHONE NUMBER:

CONTACT PERSON: BRIAN O'NEILL

TITLE: VICE PRESIDENT

TELEPHONE NUMBER: (661) 836-9873

| TITLE V | | RECLAIM | |
|---------|--------|---------|--|
| YES | NOx: | YES | |
| | SOx: | NO | |
| | CYCLE: | 1 | |
| | ZONE: | INLAND | |

**FACILITY PERMIT TO OPERATE
ALLIANCE POWER INC**

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|------------|
| Process 3 : R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES | | | | | |
| RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS | E30 | | | ROG: (9) [RULE 1113,5-14- 1999;RULE 1171,6-13-1997;RULE 1171,10-8-1999] | 67-2 |

- | | |
|---|---|
| <p>* (1) Denotes RECLAIM emission factor</p> <p>(3) Denotes RECLAIM concentration limit</p> <p>(5)(5A)(5B) Denotes command and control emission limit</p> <p>(7) Denotes NSR applicability limit</p> <p>(9) See App B for Emission Limits</p> | <p>(2) Denotes RECLAIM emission rate</p> <p>(4) Denotes BACT emission limit</p> <p>(6) Denotes air toxic control rule limit</p> <p>(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)</p> <p>(10) See Section J for NESHAP/MACT requirements</p> |
|---|---|

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

**FACILITY PERMIT TO OPERATE
ALLIANCE POWER INC**

SECTION D: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**

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ALLIANCE POWER INC**

SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| E30 | 1 | 3 | 0 |

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F9-1. Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

- (a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or
- (b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 9-11-1998]

DEVICE CONDITIONS

67-2. The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E30]

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
 - a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
 - b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
 - c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]
5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]
6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least: [204]

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION E: ADMINISTRATIVE CONDITIONS

- a. Three years for a facility not subject to Title V; or
 - b. Five years for a facility subject to Title V.
7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]
- a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134, 204]
 - b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
 - c. For a large NO_x source, compliance with a RECLAIM concentration limit shall be measured over a continuous 60 minutes for that source; [2012]
 - d. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]
 - e. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO₂) and be averaged over 15 consecutive minutes; [407]
 - f. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO₂) at standard conditions and averaged over 15 consecutive minutes. [409]
 - g. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O₂) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]
8. All equipment operating under the RECLAIM program shall comply concurrently with all provisions of AQMD Rules and Regulation, except those listed in Table 1 of Rule 2001 for NO_x RECLAIM sources and Table 2 of Rule 2001 for SO_x RECLAIM sources. Those provisions listed in Tables 1 or 2 shall not apply to NO_x or SO_x emissions after the date the facility has demonstrated compliance with all monitoring and reporting requirements of Rules 2011 or 2012, as applicable. Provisions of the listed AQMD rules in Tables 1 or 2 which have initial implementation dates in 1994 shall not apply to a RECLAIM NO_x or SO_x source, respectively. [2001]

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SECTION E: ADMINISTRATIVE CONDITIONS

9. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]
 - a. Brief description of the equipment tested.
 - b. Brief process description, including maximum and normal operating temperatures, pressures, through-put, etc.
 - c. Operating conditions under which the test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.
 - f. Description of calibration and quality assurance procedures.
 - g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (no conflict of interest).
10. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD Rules or equipment-specific conditions. The report shall contain the following information: [204]
 - a. The results of the source test.
 - b. Brief description of the equipment tested.
 - c. Operating conditions under which test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Field and laboratory data forms, strip charts and analyses.
 - f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.
11. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION E: ADMINISTRATIVE CONDITIONS

12. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182.
[204]

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

The Facility shall comply with all applicable monitoring and source testing requirements in Regulation XX. These requirements may include but are not limited to the following:

I. NO_x Monitoring Conditions

A. The Operator of a NO_x Major Source, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate an AQMD certified direct or time-shared monitoring device or an approved alternative monitoring device for each major NO_x source to continuously measure the concentration of NO_x emissions and all other applicable variables specified in Rule 2012, Table 2012-1 and Rule 2012, Appendix A, Table 2-A to determine the NO_x emissions rate from each source. The time-sharing of CEMS among NO_x sources may be allowed by the Executive Officer in accordance with the requirements for time sharing specified in Appendix A. [2012]
2. Install, maintain, and operate a totalizing fuel meter approved by the Executive Officer for each major source. [2012]
3. If the facility is operating existing CEMS and fuel meters, continue to follow recording and reporting procedures required by AQMD Rules and Regulations in effect prior to October 15, 1993 until the CEMS is certified pursuant to Rule 2012. [2012]
4. Use valid data collected by an AQMD certified or provisionally certified CEMS in proper operation that meets all the requirements of Appendix A of Rule 2012, unless final certification of the CEMS is denied, to determine mass emissions for all purposes, including, but not limited to, determining: [2012]
 - a. compliance with the annual Allocation;
 - b. excess emissions;
 - c. the amount of penalties; and
 - d. fees.
5. Follow missing data procedures as specified in Rule 2012 Appendix A whenever valid data is not available or collected to determine mass emissions for all purposes, including, but not limited to, determining: [2012]
 - a. compliance with the annual Allocation;
 - b. excess emissions;
 - c. the amount of penalties; and
 - d. fees.

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SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

B. The Operator of a NO_x Large Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

C. The Operator of a NO_x Process Unit, as defined in Rule 2012, shall, as applicable:

Not Applicable

II. NO_x Source Testing and Tune-up Conditions

1. The operator shall conduct all required NO_x source testing in compliance with an AQMD-approved source test protocol. [2012]
2. The operator shall, as applicable, conduct source tests for every large NO_x source no later than December 31, 1996 and every 3 years thereafter. The source test shall include the determination of NO_x concentration and a relative accuracy audit of the exhaust stack flow determination (e.g. in-stack flow monitor or fuel flow monitor based F-factor calculation). Such source test results shall be submitted per the schedule described by APEP. In lieu of submitting the first source test report, the facility permit holder may submit the results of a source test not more than 3 years old which meets the requirements when conducted. [2012]
3. All NO_x large sources and NO_x process units shall be tuned-up in accordance with the schedule specified in Rule 2012, Appendix A, Chapter 5, Table 5-B. [2012]

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SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

The Facility shall comply with all applicable reporting and recordkeeping requirements in Regulation XX. These requirements may include but are not limited to the following:

I. Recordkeeping Requirements for all RECLAIM Sources

1. The operator shall maintain all monitoring data required to be measured or reported pursuant to Rule 2011 and Rule 2012, whichever is applicable. All records shall be made available to AQMD staff upon request and be maintained for at least:
 - a. Three years after each APEP report is submitted to AQMD for a facility not subject to Title V, unless a different time period is required in Rule 2011 or Rule 2012 [2011 & 2012]; or
 - b. Five years after each APEP report is submitted to AQMD for a facility subject to Title V. [3004(a)(4)(E)]
 - c. Notwithstanding the above, all data gathered or computed for intervals of less than 15 minutes shall only be maintained a minimum of 48 hours. [2011 & 2012]
2. The operator shall store on site and make available to the Executive Officer upon request, records used to determine emissions, maintenance records, sources test reports, relative accuracy test audit reports, relative accuracy audit reports and fuel meter calibration records. [2011 & 2012]

II. Reporting Requirements for all RECLAIM Sources

1. The operator shall submit a quarterly certification of emissions including the facility's total NO_x or SO_x emissions, whichever is applicable, for the quarter within 30 days after the end of the first three quarters and 60 days after the end of the fourth quarter of a compliance year. [2011 & 2012]

NO_x Reporting Requirements

- A. The Operator of a NO_x Major Source, as defined in Rule 2012, shall, as applicable:
 1. No later than 12 months after entry into the RECLAIM program or after the initial operation of a new major source, whichever is later, install, maintain, and operate a reporting device to electronically report everyday to the AQMD central station for each major NO_x source, the total daily mass emissions of NO_x and daily status codes. Such data

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

shall be transmitted by 5:00 p.m. of the following day. If the facility experiences a power, computer, or other system failure that prevents the submittal of the daily report, the Facility Permit holder shall be granted 24 hours extension to submit the report. [2012]

2. Calculate NO_x emissions pursuant to missing data procedures set forth in Appendix A, Chapter 2 of Rule 2012 if the Facility Permit holder fails to meet the deadline for submitting the daily report. [2012]
3. Submit an electronic report within 15 days following the end of each month totaling NO_x emissions from all major NO_x sources during the month. [2012]
4. For those facilities with existing CEMS and fuel meters as of October 15, 1993, continue to follow recording and reporting procedures required by AQMD Rules and Regulations in effect until the CEMS is certified pursuant to Rule 2011 and/or Rule 2012, as applicable. [2012]

B. The Operator of a NO_x Large Source, as defined in Rule 2012, shall:

Not Applicable

C. The Operator of NO_x Process Units, as defined in Rule 2012, shall:

Not Applicable

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|--|
| Process 1 : INTERNAL COMBUSTION | | | | | |
| System 1 : POWER GENERATION, UNIT NO. 1 | | | | | |
| TURBINE, NO.1, NATURAL GAS, GENERAL ELECTRIC, MODEL 10B1, SIMPLE CYCLE, 116.3 MMBTU/HR WITH A/N: | DI | C4 C5 | NOX: MAJOR SOURCE** | CO: 6 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,10-20-2000] ; CO: 2000 PPMV (5) [RULE 407,4-2-1982] NOX: 195.58 LBS/MMCF NATURAL GAS (1) [RULE 2012,12-7-1995;RULE 2012,3-16- 2001] ; NOX: 98.05 LBS/MMCF (1) [RULE 2012,12-7-1995 RULE 2012,3-16-2001] ; NOX: 5 PPMV (4) [RULE 2005,4-9- 1999] ; NOX: 92 PPMV (8) [40CFR 60 Subpart GG,3-6-1981] PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981;RULE 475,10-8-1976;RULE 475,8-7-1978] ; PM: 11 LBS/HR (5) [RULE 409,8-7-1981 RULE 475,10-8-1976;RULE 475,8-7-1978] ; PM: 0.01 GRAINS/SCF (5A) [RULE 475,10-8-1976;RULE 475,8-7-1978] SOX: 150 PPMV (8) [40CFR 60 Subpart GG,3-6-1981] ; VOC: 2 PPMV (4) [RULE 1303(a)(1)- BACT,5-10-1996 | 1-1, 12-1, 12-2, 28-1, 40-1, 57-1, 63-1, 67-1, 73-1, 82-1, 82-2, 99-1, 99-2, 99-3, 195- 1, 195-2, 327-1, 419-1 |

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|---|--|
| <p>* (1) Denotes RECLAIM emission factor</p> <p>(3) Denotes RECLAIM concentration limit</p> <p>(5)(5A)(5B) Denotes command and control emission limit</p> <p>(7) Denotes NSR applicability limit</p> <p>(9) See App B for Emission Limits</p> | <p>(2) Denotes RECLAIM emission rate</p> <p>(4) Denotes BACT emission limit</p> <p>(6) Denotes air toxic control rule limit</p> <p>(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)</p> <p>(10) See Section J for NESHAP/MACT requirements</p> |
|---|--|

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|---|
| Process 1 : INTERNAL COMBUSTION | | | | | |
| COMBUSTOR, XONON GENERATOR, NO. 1, 10.5 MW | | | | <i>RULE 1303(a)(1)-BACT, 10-20-2000]</i> | |
| CO OXIDATION CATALYST, NO. 1, SERVING GAS TURBINE NO. 1, HUNTINGTON ENVIRONMENTAL SYSTEM, PRECIOUS METAL (PD, PT) ON METAL FOIL, WITH 40-50 CUBIC FEET OF TOTAL CATALYST VOLUME, 22 FT H X 13.5 FT L X 10.5 A/N: | C4 | D1 C5 | | | |
| SELECTIVE CATALYTIC REDUCTION, NO.1 SERVING GAS TURBINE NO. 1, HUNTINGTON ENVIRONMENTAL, MONO-NOX VANADIA/TITANNIUM 275 CUBIC FEET, HEIGHT: 22 FT; LENGTH: 13 FT 6 IN; WIDTH: 10 FT 6 IN WITH A/N: AMMONIA INJECTION | C5 | D1 C4 | | NH3: 5 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 10-20-2000] | 12-3, 12-4, 12-5, 28-2, 179-1, 179-2, 195-3 |
| STACK, NO. 1 A/N: | S7 | | | | |

- | | |
|---|---|
| <p>* (1) Denotes RECLAIM emission factor (3) Denotes RECLAIM concentration limit (5)(5A)(5B) Denotes command and control emission limit (7) Denotes NSR applicability limit (9) See App B for Emission Limits</p> | <p>(2) Denotes RECLAIM emission rate (4) Denotes BACT emission limit (6) Denotes air toxic control rule limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) (10) See Section J for NESHAP/MACT requirements</p> |
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|--|--------|--------------|---|---|--|
| Process 1 : INTERNAL COMBUSTION | | | | | |
| System 2 : POWER GENERATION, UNIT NO. 2 | | | | | |
| TURBINE, NO.2, NATURAL GAS, GENERAL ELECTRIC, MODEL 10B1, SIMPLE CYCLE, 116.3 MMBTU/HR WITH A/N: | D8 | C11 C12 | NOX: MAJOR SOURCE** | CO: 6 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,10-20-2000] ; CO: 2000 PPMV (5) [RULE 407,4-2-1982] NOX: 195.58 LBS/MMCF NATURAL GAS (1) [RULE 2012,12-7-1995;RULE 2012,3-16- 2001] ; NOX: 98.05 LBS/MMCF (1) [RULE 2012,12-7-1995 RULE 2012,3-16-2001] ; NOX: 5 PPMV (4) [RULE 2005,4-9- 1999] ; NOX: 92 PPMV (8) [40CFR 60 Subpart GG,3-6-1981] PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981;RULE 475,10-8-1976;RULE 475,8-7-1978] ; PM: 11 LBS/HR (5) [RULE 409,8-7-1981 RULE 475,10-8-1976;RULE 475,8-7-1978] ; PM: 0.01 GRAINS/SCF (5A) [RULE 475,10-8-1976;RULE 475,8-7-1978] | 1-1, 12-1, 12-2, 28-1, 40-1, 57-1, 63-1, 67-1, 73-1, 82-1, 82-2, 99-1, 99-2, 99-3, 195- 1, 195-2, 327-1, 419-1 |

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|--|--------|--------------|---|--|---|
| Process 1 : INTERNAL COMBUSTION | | | | | |
| COMBUSTOR, XONON GENERATOR, NO. 2, 10.5 MW | | | | SOX: 150 PPMV (8) [40CFR 60 Subpart GG,3-6-1981] ; VOC: 2 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996 RULE 1303(a)(1)-BACT,10-20-2000] | |
| CO OXIDATION CATALYST, NO. 2, SERVING GAS TURBINE NO. 2, HUNTINGTON ENVIRONMENTAL SYSTEM, PRECIOUS METAL (PD, PT) ON METAL FOIL, WITH 40-50 CUBIC FEET OF TOTAL CATALYST VOLUME, 22 FT H X 13.5 FT L X 10.5 A/N: | C11 | D8 C12 | | | |
| SELECTIVE CATALYTIC REDUCTION, NO.2 SERVING GAS TURBINE NO. 2, HUNTINGTON ENVIRONMENTAL, MONO-NOX VANADIA/TITANNIA 275 CUBIC FEET, HEIGHT: 22 FT; LENGTH: 13 FT 6 IN; WIDTH: 10 FT 6 IN WITH A/N: AMMONIA INJECTION | C12 | D8 C11 | | NH3: 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,10-20-2000] | 12-3, 12-4, 12-5, 28-2, 179-1, 179-2, 195-3 |

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|---|--|
| <p>* (1) Denotes RECLAIM emission factor (3) Denotes RECLAIM concentration limit (5)(5A)(5B) Denotes command and control emission limit (7) Denotes NSR applicability limit (9) See App B for Emission Limits</p> | <p>(2) Denotes RECLAIM emission rate (4) Denotes BACT emission limit (6) Denotes air toxic control rule limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.) (10) See Section J for NESHAP/MACT requirements</p> |
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** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|--|
| Process 1 : INTERNAL COMBUSTION | | | | | |
| STACK, NO. 2 A/N: | S14 | | | | |
| System 3 : POWER GENERATION, UNIT NO. 3 | | | | | |
| TURBINE, NO.3, NATURAL GAS, GENERAL ELECTRIC, MODEL 10B1, SIMPLE CYCLE, 116.3 MMBTU/HR WITH A/N: | D15 | C18 C19 | NOX: MAJOR SOURCE** | CO: 6 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,10-20-2000] ; CO: 2000 PPMV (5) [RULE 407,4-2-1982] NOX: 195.58 LBS/MMCF NATURAL GAS (1) [RULE 2012,12-7-1995;RULE 2012,3-16- 2001] ; NOX: 98.05 LBS/MMCF (1) [RULE 2012,12-7-1995 RULE 2012,3-16-2001] ; NOX: 5 PPMV (4) [RULE 2005,4-9- 1999] ; NOX: 92 PPMV (8) [40CFR 60 Subpart GG,3-6-1981] PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981;RULE 475,10-8-1976;RULE 475,8-7-1978] ; PM: 11 LBS/HR (5) [RULE 409,8-7-1981 RULE 475,10-8-1976;RULE 475,8-7-1978] ; PM: 0.01 GRAINS/SCF (5A) [RULE 475,10-8-1976;RULE 475,8-7-1978] | 1-1, 12-1, 12-2, 28-1, 40-1, 57-1, 63-1, 67-1, 73-1, 82-1, 82-2, 99-1, 99-2, 99-3, 195- 1, 195-2, 327-1, 419-1 |

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|---|--|
| <p>* (1) Denotes RECLAIM emission factor</p> <p>(3) Denotes RECLAIM concentration limit</p> <p>(5)(5A)(5B) Denotes command and control emission limit</p> <p>(7) Denotes NSR applicability limit</p> <p>(9) See App B for Emission Limits</p> | <p>(2) Denotes RECLAIM emission rate</p> <p>(4) Denotes BACT emission limit</p> <p>(6) Denotes air toxic control rule limit</p> <p>(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)</p> <p>(10) See Section J for NESHAP/MACT requirements</p> |
|---|--|
- ** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|--|---|
| Process 1 : INTERNAL COMBUSTION | | | | | |
| COMBUSTOR, XONON GENERATOR, NO. 3, 10.5 MW | | | | SOX: 150 PPMV (8) [40CFR 60 Subpart GG,3-6-1981] ; VOC: 2 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996 RULE 1303(a)(1)-BACT,10-20-2000] | |
| CO OXIDATION CATALYST, NO. 3, SERVING GAS TURBINE NO. 3, HUNTINGTON ENVIRONMENTAL SYSTEM, PRECIOUS METAL (PD, PT) ON METAL FOIL, WITH 40-50 CUBIC FEET OF TOTAL CATALYST VOLUME, 22 FT H X 13.5 FT L X 10.5 A/N: | C18 | D15 C19 | | | |
| SELECTIVE CATALYTIC REDUCTION, NO.3 SERVING GAS TURBINE NO. 3, HUNTINGTON ENVIRONMENTAL, MONO-NOX VANADIA/TITANNIA 275 CUBIC FEET, HEIGHT: 22 FT; LENGTH: 13 FT 6 IN; WIDTH: 10 FT 6 IN WITH AMMONIA INJECTION | C19 | D15 C18 | | NH3: 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,10-20-2000] | 12-3, 12-4, 12-5, 28-2, 179-1, 179-2, 195-3 |

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|---|--|
| <p>* (1) Denotes RECLAIM emission factor (3) Denotes RECLAIM concentration limit (5)(5A)(5B) Denotes command and control emission limit (7) Denotes NSR applicability limit (9) See App B for Emission Limits</p> | <p>(2) Denotes RECLAIM emission rate (4) Denotes BACT emission limit (6) Denotes air toxic control rule limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.) (10) See Section J for NESHAP/MACT requirements</p> |
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** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|--|--|
| Process 1 : INTERNAL COMBUSTION | | | | | |
| STACK, NO. 3 A/N: | S21 | | | | |
| System 4 : POWER GENERATION, UNIT NO. 4 | | | | | |
| TURBINE, NO.4, NATURAL GAS, GENERAL ELECTRIC, MODEL 10B1, SIMPLE CYCLE, 116.3 MMBTU/HR WITH A/N: | D22 | C25 C26 | NOX: MAJOR SOURCE** | CO: 6 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,10-20-2000] ; CO: 2000 PPMV (5) [RULE 407,4-2-1982] NOX: 195.58 LBS/MMCF NATURAL GAS (1) [RULE 2012,12-7-1995;RULE 2012,3-16- 2001] ; NOX: 98.05 LBS/MMCF (1) [RULE 2012,12-7-1995 RULE 2012,3-16-2001] ; NOX: 5 PPMV (4) [RULE 2005,4-9- 1999] ; NOX: 92 PPMV (8) [40CFR 60 Subpart GG,3-6-1981] PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981;RULE 475,10-8-1976;RULE 475,8-7-1978] ; PM: 11 LBS/HR (5) [RULE 409,8-7-1981 RULE 475,10-8-1976;RULE 475,8-7-1978] ; PM: 0.01 GRAINS/SCF (5A) [RULE 475,10-8-1976;RULE 475,8-7-1978] | 1-1, 12-1, 12-2, 28-1, 40-1, 57-1, 63-1, 67-1, 73-1, 82-1, 82-2, 99-1, 99-2, 99-3, 195- 1, 195-2, 327-1, 419-1 |

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|--|---|
| * (1) Denotes RECLAIM emission factor | (2) Denotes RECLAIM emission rate |
| (3) Denotes RECLAIM concentration limit | (4) Denotes BACT emission limit |
| (5)(5A)(5B) Denotes command and control emission limit | (6) Denotes air toxic control rule limit |
| (7) Denotes NSR applicability limit | (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.) |
| (9) See App B for Emission Limits | (10) See Section J for NESHAP/MACT requirements |

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|--|---|
| Process 1 : INTERNAL COMBUSTION | | | | | |
| COMBUSTOR, XONON GENERATOR, NO. 4, 10.5 MW | | | | SOX: 150 PPMV (8) [40CFR 60 Subpart GG,3-6-1981] ; VOC: 2 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996 RULE 1303(a)(1)-BACT,10-20-2000] | |
| CO OXIDATION CATALYST, NO. 4, SERVING GAS TURBINE NO. 4, HUNTINGTON ENVIRONMENTAL SYSTEM, PRECIOUS METAL (PD, PT) ON METAL FOIL, WITH 40-50 CUBIC FEET OF TOTAL CATALYST VOLUME, 22 FT H X 13.5 FT L X 10.5 A/N: | C25 | D22 C26 | | | |
| SELECTIVE CATALYTIC REDUCTION, NO.4 SERVING GAS TURBINE NO. 4, HUNTINGTON ENVIRONMENTAL, MONO-NOX VANADIA/TITANNIA 275 CUBIC FEET, HEIGHT: 22 FT; LENGTH: 13 FT 6 IN; WIDTH: 10 FT 6 IN WITH A/N: AMMONIA INJECTION | C26 | D22 C25 | | NH3: 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,10-20-2000] | 12-3, 12-4, 12-5, 28-2, 179-1, 179-2, 195-3 |

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|---|--|
| <p>* (1) Denotes RECLAIM emission factor (3) Denotes RECLAIM concentration limit (5)(5A)(5B) Denotes command and control emission limit (7) Denotes NSR applicability limit (9) See App B for Emission Limits</p> | <p>(2) Denotes RECLAIM emission rate (4) Denotes BACT emission limit (6) Denotes air toxic control rule limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.) (10) See Section J for NESHAP/MACT requirements</p> |
|---|--|

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---------------------------------|--------------|
| Process 1 : INTERNAL COMBUSTION | | | | | |
| STACK, NO. 4 A/N: | S28 | | | | |
| Process 2 : INORGANIC CHEMICAL STORAGE | | | | | |
| STORAGE TANK, FIXED ROOF, AQUEOUS AMMONIA 19% SOLUTION, WITH VAPOR RETURN LINE, 10000 GALS A/N: | D29 | | | | 144-1, 157-1 |

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|---|--|
| <p>* (1) Denotes RECLAIM emission factor</p> <p>(3) Denotes RECLAIM concentration limit</p> <p>(5)(5A)(5B) Denotes command and control emission limit</p> <p>(7) Denotes NSR applicability limit</p> <p>(9) See App B for Emission Limits</p> | <p>(2) Denotes RECLAIM emission rate</p> <p>(4) Denotes BACT emission limit</p> <p>(6) Denotes air toxic control rule limit</p> <p>(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)</p> <p>(10) See Section J for NESHAP/MACT requirements</p> |
|---|--|
- ** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

**FACILITY PERMIT TO OPERATE
ALLIANCE POWER INC**

SECTION H: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION H: DEVICE ID INDEX

| Device Index For Section H | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section H Page No. | Process | System |
| D1 | 1 | 1 | 1 |
| C4 | 2 | 1 | 1 |
| C5 | 2 | 1 | 1 |
| S7 | 2 | 1 | 1 |
| D8 | 3 | 1 | 2 |
| C11 | 4 | 1 | 2 |
| C12 | 4 | 1 | 2 |
| S14 | 5 | 1 | 2 |
| D15 | 5 | 1 | 3 |
| C18 | 6 | 1 | 3 |
| C19 | 6 | 1 | 3 |
| S21 | 7 | 1 | 3 |
| D22 | 7 | 1 | 4 |
| C25 | 8 | 1 | 4 |
| C26 | 8 | 1 | 4 |
| S28 | 9 | 1 | 4 |
| D29 | 9 | 2 | 0 |

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F9-1. Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

- (a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or
- (b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 9-11-1998]

DEVICE CONDITIONS

1-1. The operator shall limit the operating time to no more than 2415 hour(s) in any one year.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 10-20-2000]

[Devices subject to this condition : D1, D8, D15, D22]

12-1. The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the turbine.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 10-20-2000]

[Devices subject to this condition : D1, D8, D15, D22]

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- 12-2. The operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage being supplied to the turbine.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 10-20-2000**]

[Devices subject to this condition : D1, D8, D15, D22]

- 12-3. The operator shall install and maintain a(n) flow meter to accurately indicate the flow rate of the total hourly throughput of injected ammonia (NH₃).

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 10-20-2000**]

[Devices subject to this condition : C5, C12, C19, C26]

- 12-4. The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature of the exhaust at the inlet to the SCR reactor.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 10-20-2000; RULE 2005, 4-9-1999**]

[Devices subject to this condition : C5, C12, C19, C26]

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- 12-5. The operator shall install and maintain a(n) pressure gauge to accurately indicate the pressure across the SCR catalyst bed in inches of water column.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 10-20-2000**]

[Devices subject to this condition : C5, C12, C19, C26]

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

28-1. The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted to determine the CO emissions using District method 100.1 measured over a 60 minute averaging time period.

The test shall be conducted to determine the NOX emissions using District method 100.1 measured over a 60 minute averaging time period.

The test shall be conducted to determine the PM emissions using District method 5.2 measured over a 60 minute averaging time period.

The test shall be conducted to determine the ROG emissions using approved District method measured over a 60 minute averaging time period.

The test shall be conducted to determine the SOX emissions using District method 6.1 measured over a 60 minute averaging time period.

The District shall be notified of the date and time of the test at least 10 days prior to the test.

The test shall be conducted to determine the NH3 emissions using District Methods 207.1 and 5.3 or EPA method 17 measured over a 60 minute averaging period.

The test shall be conducted the oxygen levels in the exhaust. In addition, the test shall measure fuel flow rate (CFH), the flue gas rate, the flue gas temperature, and the generator power output (MW).

The test shall be conducted in accordance with a District approved source test protocol. The protocol shall be submitted to the District engineer no later than 45 days before the proposed test date and shall be approved by the District before the test commences. The test protocol shall include the proposed operating conditions of the turbine during the test, the identity of the testing lab, a statement from the testing lab certifying that it meets the criteria of R304, and a description of all sampling and analytical procedures.

The test shall be conducted after approval of the source test protocol but no later than 180 days after initial start up.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 10-20-2000; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 10-20-2000; RULE 2005, 4-9-1999]

[Devices subject to this condition : D1, D8, D15, D22]

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

28-2. The operator shall conduct source test(s) in accordance with the following specifications:

The District shall be notified of the date and time of the test at least 7 days prior to the test.

The test shall be conducted to demonstrate compliance with the Rule 1303 concentration limit.

The test shall be conducted and the results submitted to the District within 45 days after the test date.

The test shall be conducted to determine the NH₃ emissions using District Method 207.1 and 5.3 or EPA Method 17 measured over a 60-minute averaging time period. The NO_x concentration, as determined by reading the CEMS, shall be simultaneously recorded during the test. If the CEMS is inoperable, a test shall be conducted to determine the NO_x emissions using District Method 100.1 measured over a 60-minute averaging time period.

The test shall be conducted at least quarterly during the first twelve months of operation and at least annually thereafter.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 10-20-2000]

[Devices subject to this condition : C5, C12, C19, C26]

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- 40-1. The operator shall provide to the District a source test report in accordance with the following specifications:

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

Emission data shall be expressed in terms of concentration (ppmv), corrected to 15 percent oxygen, dry basis.

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

All moisture concentration shall be expressed in terms of percent corrected to 15 percent oxygen, dry basis.

Emission data shall be expressed in terms of mass rate (lbs/hr). In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

Source test results shall also include turbine fuel flow rate and generator output (MW) under which the test was conducted.

Emission data shall be expressed in terms of lbs/MM cubic feet.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 10-20-2000; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 10-20-2000]

[Devices subject to this condition : D1, D8, D15, D22]

- 57-1. The operator shall vent this equipment to the CO oxidation and SCR control whenever the turbine is in operation.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 10-20-2000; RULE 1303(b)(1)-Modeling, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 10-20-2000; RULE 2005, 4-9-1999]

[Devices subject to this condition : D1, D8, D15, D22]

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- 63-1. The operator shall limit emissions from this equipment as follows

| CONTAMINANT | EMISSIONS LIMIT |
|-------------|---|
| CO | Less than or equal to 1267 LBS IN ANY ONE MONTH |
| PM10 | Less than or equal to 595 LBS IN ANY ONE MONTH |
| VOC | Less than or equal to 243 LBS IN ANY ONE MONTH |
| SOX | Less than or equal to 310 LBS IN ANY ONE MONTH |

The operator shall calculate the emission limit(s) using monthly fuel usage and the following emission factors: PM10 6.731 lb/mmcf, VOC 2.749 lb/mmcf and SOx 3.508 lb/mmcf

The operator shall calculate the emission limit(s) for the compliance with the monthly CO emission limit through valid CEMS data. In absence of valid CEMS data, the operator shall calculate the monthly CO emissions using monthly fuel use data and the following emission factor: CO 14.31 lbs/mmcf

For the purposes of this condition, the limit(s) shall be based on the total combined facility emissions.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 10-20-2000]

[Devices subject to this condition : D1, D8, D15, D22]

- 67-1. The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Fuel use during commissioning period

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 10-20-2000; RULE 2012, 12-7-1995; RULE 2012, 3-16-2001]

[Devices subject to this condition : D1, D8, D15, D22]

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- 73-1. The operator may, at his discretion, choose not to use ammonia injection if any of the following requirement(s) are met::

the inlet temperature to the SCR reactor is 800 Degrees F or less, not to exceed 10 minutes during start-ups

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 10-20-2000**]

[Devices subject to this condition : D1, D8, D15, D22]

- 82-1. The operator shall install and maintain a CEMS to measure the following parameters:

CO concentration in ppmv

Concentrations shall be corrected to 15 percent oxygen on a dry basis.

The CEMS will convert the actual CO concentrations to mass emission rates (lbs/hr) and record the hourly emission rates on a continuous basis.

The CEMS shall be installed , operated and maintained in accordance with an approved AQMD Rule 218 CEMS plan application. The operator shall not install CEMS prior to receiving the initial approval from AQMD

The CEMS shall be installed and operated to measure CO concentrations over a 15-minute averaging period

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 10-20-2000; RULE 1303(b)(1)-Modeling, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 10-20-2000**]

[Devices subject to this condition : D1, D8, D15, D22]

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- 82-2. The operator shall install and maintain a CEMS to measure the following parameters:

NOX concentration in ppmv

The CEMS shall be installed and operating no later than 12 months after the initial start-up of the turbine. During the interim period between the initial start-up and the provisional certification date of the CEMS, the operator shall comply with the monitoring requirements of Rule 2012(h)(2) and 2012(h)(3). Within 2 weeks of the turbine start-up date, the operator shall provide written notification to the District of the exact start-up date

[RULE 2012, 12-7-1995; RULE 2012, 3-16-2001]

[Devices subject to this condition : D1, D8, D15, D22]

- 99-1. The 5 PPM NOX emission limit(s) shall not apply during commissioning and start-up periods. The commissioning period shall not exceed 25 hours per turbine. Start-up time shall not exceed 10 minutes for each start-up. Written records of commissioning and start-ups shall be maintained and made available upon request from the Executive Officer.

[RULE 2005, 4-9-1999]

[Devices subject to this condition : D1, D8, D15, D22]

- 99-2. The 6 PPM CO emission limit(s) shall not apply during commissioning and start-up periods. The commissioning period shall not exceed 25 hours per turbine. The start-up time shall not exceed 10 minutes for each start-up. Written records of commissioning and start-ups shall be maintained and made available upon request from the Executive Officer.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 10-20-2000; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 10-20-2000]

[Devices subject to this condition : D1, D8, D15, D22]

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- 99-3. The 195.58 LBS/MMCF NOX emission limit(s) shall only apply to report NOx emissions during start-up or during the commissioning period. Start-up time shall not exceed 10 minutes per start-up. The commissioning period shall not exceed 25 hours per turbine.

[RULE 2005, 4-9-1999]

[Devices subject to this condition : D1, D8, D15, D22]

- 144-1. The operator shall vent this equipment, during filling, only to the vessel from which it is being filled.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 10-20-2000]

[Devices subject to this condition : D29]

- 157-1. The operator shall install and maintain a pressure relief valve set at 20 psig.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 10-20-2000]

[Devices subject to this condition : D29]

- 179-1. For the purpose of the following condition number(s), continuously record shall be defined as recording at least once every hour and shall be calculated based upon the average of the continuous monitoring for that hour.

Condition Number 12-3

Condition Number 12-4

Condition Number 195-3

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 10-20-2000]

[Devices subject to this condition : C5, C12, C19, C26]

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- 179-2. For the purpose of the following condition number(s), continuously record shall be defined as recording at least once every month and shall be calculated based upon the average of the continuous monitoring for that month.

Condition Number 12-5

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 10-20-2000]

[Devices subject to this condition : C5, C12, C19, C26]

- 195-1. The 5 PPMV NOX emission limit(s) are averaged over 60 minutes at 15 percent O2 dry.

[RULE 2005, 4-9-1999]

[Devices subject to this condition : D1, D8, D15, D22]

- 195-2. The 6 PPMV CO emission limit(s) are averaged over 60 minutes at 15 percent O2 dry.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 10-20-2000; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 10-20-2000]

[Devices subject to this condition : D1, D8, D15, D22]

- 195-3. The 5 PPMV NH3 emission limit(s) are averaged over 60 mins at 15 percent O2 dry. The operator shall calculate and continuously record the NH3 slip concentration using the following: $NH_3(ppmv) = [a - (b * c / 1000000)] * (1000000 / b)$, where a = NH3 injection rate (lb/hr) / 17 (lb/lbmole), b = dry exhaust gas flow rate (lb/hr) / 29 (lb/lbmole) and c = change in measured NOx across the SCR (ppmvd at stack O2). The operator shall install and maintain a NOx analyzer to measure the SCR inlet NOx ppmv accurate to plus or minus 5 percent and calibrated at least once every 12 months.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 10-20-2000]

[Devices subject to this condition : C5, C12, C19, C26]

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- 327-1. For the purpose of determining compliance with District Rule 475, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time.

[RULE 475, 10-8-1976; RULE 475, 8-7-1978]

[Devices subject to this condition : D1, D8, D15, D22]

- 419-1. To ensure compliance with Rule 1303 (b)(1) - Modeling , the combined total emissions from turbines 1, 2, 3 and 4 (Devices D1, D8, D15 and D22) shall not exceed the following:

| Pollutant | Emission Limit |
|-----------|--|
| NOX | Less than or equal to 14.08 LBS PER HOUR |

[RULE 2005, 4-9-1999]

[Devices subject to this condition : D1, D8, D15, D22]

**FACILITY PERMIT TO OPERATE
ALLIANCE POWER INC**

SECTION I: COMPLIANCE PLANS & SCHEDULES

NONE

**FACILITY PERMIT TO OPERATE
ALLIANCE POWER INC**

SECTION J: AIR TOXICS

NOT APPLICABLE

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION K: TITLE V Administration

GENERAL PROVISIONS

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]
2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

Permit Renewal and Expiration

3. This permit shall expire five years from the date that the initial Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2)]
4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

Duty to Provide Information

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive Officer or designee within a reasonable time as specified in writing by the Executive Officer or designee. [3004(a)(7)(F)]

Payment of Fees

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]

Reopening for Cause

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:
 - (A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) and subdivision (i) [eliminate latter reference after Rule 3004 amendment] of Rule 3004.
 - (B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
 - (C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION K: TITLE V Administration

requirements. [3005(g)(1)]

COMPLIANCE PROVISIONS

8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:

- (A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or
- (B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]

9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:

- (A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;
- (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- (C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
- (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]

10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]
11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]
12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION K: TITLE V Administration

any permit condition. [3004(a)(7)(D)]

13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]
14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 48700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]
15. Nothing in this permit or in any permit shield can alter or affect:
 - (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;
 - (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;
 - (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;
 - (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;
 - (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and
 - (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]
16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]

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SECTION K: TITLE V Administration

EMERGENCY PROVISIONS

17. An emergency¹ constitutes an affirmative defense to an action brought for non-compliance with a technology-based emission limit only if:
- (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:
 - (1) An emergency occurred and the operator can identify the cause(s) of the emergency;
 - (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;
 - (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,
 - (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
 - (B) The operator complies with the breakdown provisions of Rule 430 - Breakdown Provisions, or subdivision (i) of Rule 2004 - Requirements, whichever is applicable. [3002(g); 430, 2004(i)]
18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

¹ "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION K: TITLE V Administration

RECORDKEEPING PROVISIONS

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:
 - (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
 - (B) The date(s) analyses were performed;
 - (C) The company or entity that performed the analyses;
 - (D) The analytical techniques or methods used;
 - (E) The results of such analyses; and
 - (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]
20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(o)]
21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

REPORTING PROVISIONS

22. The operator shall comply with the following requirements for prompt reporting of deviations:
 - (A) Breakdowns shall be reported as required by Rule 430 - Breakdown Provisions or Subdivision (i) of Rule 2004 - Requirements, whichever is applicable.
 - (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

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- (C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.
 - (D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]
23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]
24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:
- (A) Identification of each permit term or condition that is the basis of the certification;
 - (B) The compliance status during the reporting period;
 - (C) Whether compliance was continuous or intermittent;
 - (D) The method(s) used to determine compliance over the reporting period and currently, and
 - (E) Any other facts specifically required by the Executive Officer to determine compliance.

The EPA copy of the certification shall be sent to: Director of the Air Division Attn: Air -3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]

25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]

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PERIODIC MONITORING

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the Title V application file. [3004(a)(4)]

FACILITY PERMIT TO OPERATE ALLIANCE POWER INC

SECTION K: TITLE V Administration

FACILITY RULES

This facility is subject to the following rules and regulations:

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

| RULE SOURCE | Adopted/Amended Date | FEDERAL Enforceability |
|-------------------------------------|-----------------------------|-------------------------------|
| RULE 1113 | 5-14-1999 | Federally enforceable |
| RULE 1171 | 10-8-1999 | Non federally enforceable |
| RULE 1171 | 6-13-1997 | Federally enforceable |
| RULE 1303(a)(1)-BACT | 5-10-1996 | Federally enforceable |
| RULE 1303(b)(1)-Modeling | 5-10-1996 | Federally enforceable |
| RULE 1303(b)(2)-Offset | 5-10-1996 | Federally enforceable |
| RULE 2005 | 4-9-1999 | Federally enforceable |
| RULE 2012 | 12-7-1995 | Federally enforceable |
| RULE 2012 | 3-16-2001 | Non federally enforceable |
| RULE 3004(a)(4)-Periodic Monitoring | 12-12-1997 | Non federally enforceable |
| RULE 3004(a)(4)-Periodic Monitoring | 8-11-1995 | Federally enforceable |
| RULE 401 | 3-2-1984 | Federally enforceable |
| RULE 401 | 9-11-1998 | Non federally enforceable |
| RULE 407 | 4-2-1982 | Federally enforceable |
| RULE 409 | 8-7-1981 | Federally enforceable |
| RULE 475 | 10-8-1976 | Federally enforceable |
| RULE 475 | 8-7-1978 | Non federally enforceable |
| 40CFR 60 Subpart GG | 3-6-1981 | Federally enforceable |

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**APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN
PERMIT PURSUANT TO RULE 219**

NONE

FACILITY PERMIT TO OPERATE

ALLIANCE POWER INC

APPENDIX B: RULE EMISSION LIMITS **[RULE 1113 5-14-1999]**

- (1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6) of Rule 1113, the operator shall not supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.
- (2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6) of Rule 1113, the operator shall not supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings for residential use; or of any rust-preventative coating for industrial use.

FACILITY PERMIT TO OPERATE

ALLIANCE POWER INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 5-14-1999]

TABLE OF STANDARDS VOC LIMITS

Grams of VOC Per Liter of Coating,
 Less Water And Less Exempt Compounds

| COATING | Limit* | Effective 1/1/1998 | Effective 1/1/1999 | Effective 5/14/99 | Effective 7/1/2001 | Effective 7/1/2002 | Effective 1/1/2005 | Effective 7/1/2006 | Effective 7/1/2008 |
|--|--------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Bond Breakers | 350 | | | | | | | | |
| Chemical Storage Tank Coatings | 420 | | | | | | | 100 | |
| Clear Wood Finishes | | | | | | | | | |
| Varnish | 350 | | | | | | | | |
| Sanding Sealers | 350 | | | | | | | | |
| Lacquer | 680 | 550 | | | | | 275 | | |
| Concrete-Curing Compounds | 350 | | | | | | | | |
| Dry-Fog Coatings | 400 | | | | | | | | |
| Essential Public Service Coating | 420 | | | | | 340 | | 100 | |
| Fire-proofing Exterior Coatings | 450 | | 350 | | | | | | |
| Fire-Retardant Coatings | | | | | | | | | |
| Clear | 650 | | | | | | | | |
| Pigmented | 350 | | | | | | | | |
| Flats | 250 | | | | 100 | | | | 50 |
| Floor Coatings | 420 | | | | | 100 | | 50 | |
| Graphic Arts (Sign) Coatings | 500 | | | | | | | | |
| High Temperature Industrial Maintenance Coatings | | | | | | 550 | | 420 | |
| Industrial Maintenance Coatings | 420 | | | | | 250 | | 100 | |
| Japans/Faux Finishing Coatings | 700 | | 350 | | | | | | |
| Magnesite Cement Coatings | 600 | | 450 | | | | | | |
| Mastic Coatings | 300 | | | | | | | | |
| Metallic Pigmented Coatings | 500 | | | | | | | | |
| Multi-Color Coatings | 420 | 250 | | | | | | | |
| Non-Flat Coatings | 250 | | | | | 150 | | 50 | |
| Pigmented Lacquer | 680 | 550 | | | | | 275 | | |
| Pre-Treatment Wash Primers | 780 | | | | | | | | |
| Primers, Sealers, and Undercoaters | 350 | | | | | 200 | | 100 | |
| Quick-Dry Enamels | 400 | | | | | 250 | | 50 | |
| Quick-Dry Primers, Sealers, and Undercoaters | 350** | | | | | 200 | | 100 | |
| Recycled Coatings | | | | 250 | | 250 | | 100 | |

FACILITY PERMIT TO OPERATE

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APPENDIX B: RULE EMISSION LIMITS [RULE 1113 5-14-1999]

| | | | | | | | | | |
|----------------------------|-----|-----|--|-----|--|-----|--|-----|--|
| Roof Coatings | 300 | | | 250 | | | | | |
| Bituminous Roof Coatings | 300 | | | | | 250 | | | |
| Rust Preventative Coatings | 420 | | | 400 | | | | 100 | |
| Shellac | | | | | | | | | |
| Clear | 730 | | | | | | | | |
| Pigmented | 550 | | | | | | | | |
| Specialty Primers | 350 | | | | | | | 100 | |
| Stains | 350 | | | | | 250 | | | |
| Swimming Pool Coatings | | | | | | | | | |
| Repair | 650 | | | | | | | | |
| Other | 340 | | | | | | | | |
| Traffic Coatings | 250 | 150 | | | | | | | |
| Waterproofing Sealers | | | | | | | | | |
| Wood | 400 | | | | | 250 | | | |
| Concrete/Masonry | 400 | | | | | | | | |
| Wood Preservatives | | | | | | | | | |
| Below-Ground | 350 | | | | | | | | |
| Other | 350 | | | | | | | | |

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

** The specified limit applies unless the manufacturer submits a report pursuant to Rule 1113(g)(2).

Grams of VOC Per Liter of Material

| COATING | Limit |
|--------------------|-------|
| Low-Solids Coating | 120 |

FACILITY PERMIT TO OPERATE

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APPENDIX B: RULE EMISSION LIMITS [RULE 1171 10-8-1999]

Except as otherwise provided in Rule 1171, the operator shall not use a solvent to perform solvent cleaning unless the solvent complies with the applicable requirements set forth below:

| | Current limits | | Effective 12/1/2001 | Effective 7/1/2005 |
|---|------------------------|--|------------------------|------------------------|
| SOLVENT CLEANING ACTIVITY | VOC g/l (lb/gal) | VOC Composite Partial Pressure mm Hg @ 20°C (68°F) | VOC g/l (lb/gal) | VOC g/l (lb/gal) |
| (A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application | | | | |
| (i) General | 70 (0.58) | | 50 (0.42) | 25 (0.21) |
| (ii) Electrical Apparatus Components & Electronic Components | 900 (7.5) | 33 | 500 (4.2) | 100 (0.83) |
| (iii) Medical Devices & Pharmaceuticals | 900 (7.5) | 33 | 800 (6.7) | 800 (6.7) |
| (B) Repair and Maintenance Cleaning | | | | |
| (i) General | 50 (0.42) | | 50 (0.42) | 25 (0.21) |
| (ii) Electrical Apparatus Components & Electronic Components | 900 (7.5) | 20 | 900 (7.5) | 100 (0.83) |

FACILITY PERMIT TO OPERATE

ALLIANCE POWER INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 10-8-1999]

| | Current limits | | Effective 12/1/2001 | Effective 7/1/2005 |
|--|------------------------|--|------------------------|------------------------|
| SOLVENT CLEANING ACTIVITY | VOC g/l (lb/gal) | VOC Composite Partial Pressure mm Hg @ 20°C (68°F) | VOC g/l (lb/gal) | VOC g/l (lb/gal) |
| (iii) Medical Devices & Pharmaceuticals | 900 (7.5) | 33 | | |
| (I) Tools, Equipment, & Machinery | | | 800 (6.7) | 800 (6.7) |
| (II) General Work Surfaces | | | 600 (5.0) | 600 (5.0) |
| (C) Cleaning of Coatings, or Adhesives Application Equipment | 950 (7.9) | 35 | 550 (4.6) | 25 (0.21) |
| (D) Cleaning of Ink Application Equipment | | | | |
| (i) General | 100 (0.83) | 3 | 50 (0.42) | 25 (0.21) |
| (ii) Flexographic Printing | 100 (0.83) | 3 | 50 (0.42) | 25 (0.21) |
| (iii) Gravure Printing | | | | |
| (I) Publication | 900 (7.5) | 25 | 750 (6.3) | 100 (0.83) |
| (II) Packaging | 100 (0.83) | 3 | 50 (0.42) | 25 (0.21) |
| (iv) Lithographic or Letter Press Printing | | | | |
| (I) Roller Wash – Step 1 | 900 | 10 | 600 (5.0) | 100 (0.83) |

FACILITY PERMIT TO OPERATE

ALLIANCE POWER INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 10-8-1999]

| | Current limits | | Effective 12/1/2001 | Effective 7/1/2005 |
|---|------------------------|--|------------------------|------------------------|
| SOLVENT CLEANING ACTIVITY | VOC g/l (lb/gal) | VOC Composite Partial Pressure mm Hg @ 20°C (68°F) | VOC g/l (lb/gal) | VOC g/l (lb/gal) |
| (II) Roller Wash- Step 2, Blanket Wash, & On- Press Components | 900 | 10 | 800 (6.7) | 100 (0.83) |
| (III) Removable Press Components | | | 50 (0.42) | 25 (0.21) |
| (v) Screen Printing | 1070 (8.9) | 5 | 750 (6.3) | 100 (0.83) |
| (vi) Ultraviolet Ink Application Equipment (except screen printing) | 800 (6.7) | 33 | 800 (6.7) | 100 (0.83) |
| (vii) Specialty Flexographic Printing | 810 (6.8) | 21 | 600 (5.0) | 100 (0.83) |
| (E) Cleaning of Polyester Resin Application Equipment | 50 (0.42) | | 50 (0.42) | 25 (0.21) |

FACILITY PERMIT TO OPERATE

ALLIANCE POWER INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 6-13-1997]

Except as otherwise provided in Rule 1171, the operator shall not use a solvent to perform solvent cleaning unless the solvent complies with the applicable requirements set forth below:

| SOLVENT CLEANING ACTIVITY | CURRENT LIMITS | | Effective 1/1/1999 | |
|--|------------------------|---|------------------------|---|
| | VOC g/l (lb/gal) | VOC Composite Partial Pressure mm Hg @ 20°C (68°F) | VOC g/l (lb/gal) | VOC Composite Partial Pressure mm Hg @ 20°C (68°F) |
| (A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application | | | | |
| (i) General | 70 (0.58) | | | |
| (ii) Electronic Components or Medical Devices | 900 (7.5) | 33 | | |
| (B) Repair and Maintenance Cleaning | | | | |
| (i) General | 900 (7.5) | 20 | 50 (0.42) | |
| (ii) Electrical Apparatus Components | 900 (7.5) | 20 | | |
| (iii) Medical Devices | 900 (7.5) | 33 | | |
| (C) Cleaning of Coatings, or Adhesives Application Equipment | 950 (7.9) | 35 | | |
| (D) Cleaning of Ink Application Equipment | | | | |
| (i) General | 100 (0.83) | 3 | | |
| (ii) Flexographic or Gravure Printing | 100 (0.83) | 3 | | |
| (iii) Lithographic or Letter Press Printing | 900 (7.5) | 25 | | 10 |
| (iv) Screen Printing | 1070 (8.9) | 5 | | |
| (v) Ultraviolet Inks (except screen printing) | 800 (6.7) | 33 | | |
| (vi) Specialty Flexographic Printing | 810 (6.8) | 21 | | |

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ALLIANCE POWER INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 6-13-1997]

| | CURRENT LIMITS | | Effective 1/1/1999 | |
|--|------------------------|---|------------------------|---|
| | VOC g/l (lb/gal) | VOC Composite Partial Pressure mm Hg @ 20°C (68°F) | VOC g/l (lb/gal) | VOC Composite Partial Pressure mm Hg @ 20°C (68°F) |
| SOLVENT CLEANING ACTIVITY | | | | |
| (E) Cleaning of Polyester Resin Application Equipment | 50 (0.42) | | | |
| or | | 1 | | |